

**Structural FAC
Meeting Minutes
San Antonio, TX
20 August 2002**

1. **Participants:** The following members participated in this month's meeting:

Lori Taylor (MVP)	Jen Flanagan (NAE)
Cyndi Riley (SWL)	Joyce Rudy (TAC)
Don Cook (SAJ)	Bette Bronstad (SWF)

2. **Plotting Workflow:** Standard practices and plotting problems were discussed.
- a. **SAJ** – Jacksonville recently purchased a KIP plotter and have been experiencing problems with it. They previously used an OCE plotter which worked well. They only store electronic data and do not plot on Mylar.
 - b. **TAC** – Transatlantic Center only stores electronic data. They have a Xerox inkjet plotter which is used for check prints. They do not plot on Mylar.
 - c. **SWF** – Fort Worth only stores electronic data.
 - d. **SWL** – Little Rock plots CAL files from iparms using lplot Organizer. They produce plots using a Xerox inkjet. Signed original plots are retained for 5 years after construction completion.
 - e. **NAE** – New England plots to Mylar for the final bid set using an OCE plotter.
 - f. **MVP** – St. Paul plots the cover sheet on Mylar for final bid sets (for signature). Mylars are plotted for complete As-built drawing sets. KIP plotters are currently being used in St. Paul. Plotting problems are frequent and print quality of screened and orthophoto data is poor.
3. **Additions to the Structural Details Library:** Hardcopy prints of the details produced by Baltimore were sent to John Connor for review. He will proceed with the when funds are received. Since we are getting close to the end of the FY. We may not be able to proceed until next FY. Be sure and return any funding that will not be spent by the end of the FY ASAP. Bette is preparing radon mitigation details per TI 810-91. These details will be submitted for inclusion in the Detail Library.
4. **Structural Website:** Jody Chancy from AEM left a voice mail message stating that the website is basically complete. He is trying to get in touch with Elias Arredondo to make arrangements to install the completed site.
5. **August STFAC Meeting:** To date, the following members are planning to attend the STFAC meeting that will be held in conjunction with the 20-22 August CADD/GIS Symposium. Anyone else that is planning on attending or needs more details should contact Lori Taylor.

Cyndi Riley	Don Cook
Lori Taylor	Bette Bronstad
Jen Flanagan	Joyce Rudy

The Structural FAC is sponsoring a workshop at the symposium entitled "Structural Design Tools and Solutions." This workshop will include a presentation from Mathsoft on Mathcad/CADD integration. It will also include a demonstration of Geopak Rebar software. This workshop will be held Wednesday, August 21, from 3:30-5:00 p.m.

6. **A/E/C Standard Implementation:**

Discussed upcoming changes to DocTools and File Manager utilities. DocTools is also being modified to allow back referencing in the view title reference bubble. A one, two, and three

part bubble will be available. The File Manager utility is being enhanced to allow the user to customize the 20-digit project code for each drawing. It is being set up so that each district can define their own parameters.

Some districts are including text and frequently used cells off to the side of the border on the border reference drawing. This allows the user to match/copy elements at the proper scale in the sheet files.

Cyndi is converting the SWD AEIM details to the A/E/C Standard. This work is being coordinated with Ray Veselka.

We to identify parts of the A/E/C CADD Standard that require clarification.

7. **Metrication Guidance Development:** No discussion. This will be a focus area for FY03.
8. **A/E/C Level Table Additions/Revisions:** We will plan on meeting the first week in December in Jekyll Island, GA, to work on the Structural Level Tables. In the mean time everyone should try to identify areas that are not covered by the existing tables. We also need to think about the best way to address the level table issues in V8. Since V8 allows an unlimited number of levels, we may want to consider going to one level table. To do this we will need to identify how we can filter the levels so that only levels applicable to the type of drawing are shown.
9. **Dimensioning Problems:** The TAC intermittently encounters problems with dimensioning where arrows are converting to slashes. Anyone else experiencing this problem should contact Joyce Rudy.
10. **Next Meeting:** The next conference call will be held at 1:00 p.m. CDT on 11 September. Anyone wishing to participate is welcome. The phone number is 1-888-981-0147, and the pass code is 74666.